

Title (en)
DROUGHT TOLERANT PLANTS

Title (de)
TROCKENRESISTENTE PFLANZEN

Title (fr)
PLANTES RÉSISTANTES À LA SÉCHERESSE

Publication
EP 2640182 A4 20140507 (EN)

Application
EP 11841328 A 20111115

Priority
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• AU 2011001478 W 20111115

Abstract (en)
[origin: WO2012065219A1] The present specification teaches the generation of drought tolerant plants. The present disclosure enables manipulation of a phenotypic characteristic referred to herein as "stay-green" to generate drought tolerant plants by recombinant, mutagenic and/or breeding and selection methods. Plant management practice systems to increase crop yield and harvest efficiency in water-limited environments are also taught herein.

IPC 8 full level
A01H 4/00 (2006.01); **A01H 1/04** (2006.01); **A01H 5/10** (2018.01); **C07K 14/415** (2006.01); **C12N 15/05** (2006.01); **C12N 15/29** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP US)
A01H 1/04 (2013.01 - EP US); **A01H 1/1225** (2021.01 - EP US); **A01H 5/10** (2013.01 - EP US); **C07K 14/415** (2013.01 - EP US); **C12N 15/00** (2013.01 - EP US); **C12N 15/8261** (2013.01 - EP US); **C12N 15/8266** (2013.01 - EP US); **C12N 15/8273** (2013.01 - EP US); **Y02A 40/146** (2017.12 - US)

Citation (search report)
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• [X] WO 03008540 A2 20030130 - SYNGENTA PARTICIPATIONS AG [CH], et al
• [A] WO 2004050873 A1 20040617 - UNIV HONG KONG [CN]
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• See references of WO 2012065219A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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WO 2012065219 A1 20120524; AU 2011331908 A1 20130418; AU 2011331908 B2 20150507; BR 112013012025 A2 20191001; CA 2817758 A1 20120424; CA 2817758 C 20190129; CN 103429072 A 20131204; CN 108624618 A 20181009; EA 034044 B1 20191223; EA 201390724 A1 20140530; EP 2640182 A1 20130925; EP 2640182 A4 20140507; EP 2640182 B1 20180725; EP 3434099 A1 20190130; ES 2692857 T3 20181205; HU E040165 T2 20190228; MX 2013005485 A 20130926; MX 352184 B 20171109; PL 2640182 T3 20190228; TR 201815884 T4 20181121; UA 113503 C2 20170210; US 2013333066 A1 20131212; ZA 201303689 B 20140730

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